

Attorney's Docket No. NC073-US1/5487-148
Application Serial No. 10/656,431
Filed: September 5, 2003
Page 2

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2. (Canceled)

3. (Previously Presented) A method for calibrating a photocontrol device having at least one flexible mounting leg mounting the photosensor to a circuit board and being electrically coupled to activate a switching device, the method comprising:

positioning the photocontrol device proximate a light source;

positioning an aperture between the photosensor and the light source; and

adjusting an angle between the at least one flexible mounting leg and the circuit board by bending the at least one flexible mounting leg to calibrate a sensitivity of the photocontrol device to light from the light source passing through the aperture;

wherein the at least one flexible mounting leg comprises a first and second wire lead electrically coupling the photosensor to the switching device.

4. (Currently Amended) The method of Claim [[2]] 3 wherein adjusting an angle comprises adjusting a magnitude of misalignment between the photosensor and the aperture to calibrate the sensitivity of the photocontrol device.

5. (Previously Presented) A method for calibrating a photocontrol device having at least one flexible mounting leg mounting the photosensor to a circuit board and being electrically coupled to activate a switching device, the method comprising:

positioning the photocontrol device proximate a light source;

positioning an aperture between the photosensor and the light source; and

adjusting an angle between the at least one flexible mounting leg and the circuit board to calibrate a sensitivity of the photocontrol device to light from the light source passing through the aperture;

wherein adjusting an angle comprises adjusting a magnitude of misalignment between

Attorney's Docket No. NC073-US1/5487-148
Application Serial No. 10/656,431
Filed: September 5, 2003
Page 3

the photosensor and the aperture to calibrate the sensitivity of the photocontrol device including increasing the magnitude of misalignment to decrease the sensitivity of the photocontrol device.

6. (Original) The method of Claim 5 wherein the at least one flexible mounting leg comprises a first and second wire lead coupling the photosensor to a relay circuit of the photocontrol device.

7. (Original) The method of Claim 6 wherein the first and second wire lead comprise copper.

8. (Previously Presented) A method for calibrating a photocontrol device having at least one flexible mounting leg mounting the photosensor to a circuit board and being electrically coupled to activate a switching device, the method comprising:

positioning the photocontrol device proximate a light source;

positioning an aperture between the photosensor and the light source; and

adjusting an angle between the at least one flexible mounting leg and the circuit board to calibrate a sensitivity of the photocontrol device to light from the light source passing through the aperture;

wherein the photocontrol device is configured for mounting the photosensor on an upper surface of the circuit board and further comprises a cover positioned over the upper surface of the circuit board and including a light transmissive window therein defining the aperture and wherein adjusting an angle comprises bending the at least one flexible mounting leg to increase an angle between the photosensor and the circuit board facing the aperture to reduce the sensitivity of the photocontrol device.

9. (Previously Presented) The method of Claim 8 wherein the cover includes a tool access opening on a top thereof and wherein positioning an aperture between the photosensor and the light source comprises placing the cover over the upper surface of the circuit board and wherein adjusting a magnitude of misalignment comprises:

Attorney's Docket No. NC073-US1/5487-148
Application Serial No. 10/656,431
Filed: September 5, 2003
Page 4

inserting an adjusting tool in the opening to contact the photosensor; and
moving the photosensor with the adjusting tool until a desired sensitivity is obtained.

10. (Previously Presented) The method of Claim 9 wherein positioning the photocontrol device proximate a light source further comprises adjusting a light level of the light source to a calibration level and wherein moving the photosensor comprises moving the photosensor until the switching device changes state.

11-12. Canceled.

13. (Currently Amended) ~~A~~ [[The]] photocontrol device ~~of Claim 12 further~~ comprising:

a circuit board having a photosensor mounted on an upper surface thereof;

a cover having a light transmissive window therein and wherein the cover is positioned over the upper surface of the circuit board with the light transmissive window positioned adjacent the photosensor;

wherein the photosensor is mounted on the circuit board by at least one flexible mounting leg that is bent to a selected angle to misalign the photosensor and the light transmissive window to provide a desired sensitivity to light of the photocontrol device; and

a detection circuit coupled to the photosensor by the at least one flexible mounting leg and wherein the detection circuit does not include a calibration resistor for the photosensor.

14. Canceled.

15. (Currently Amended) The photocontrol device of Claim ~~[[12]]~~ 13 wherein the photosensor is misaligned toward an upper surface of the cover and away from the circuit board and wherein the cover is configured to present a shadowed region to the photosensor when the photocontrol device is positioned in sunlight.